



SEPTEMBER 9th



On this day in...

2022: Remnants of Tropical Cyclone Kay brought strong, easterly winds early in the morning. Observed wind gusts in the mountains and foothills ranged from 70 to 95 mph. One gust from Cuyamaca peak came in at 727 a.m. and registered 109 mph, which was verified to be the strongest measured wind gust ever observed in Southern California. Other gusts: Big Black Mountain 96 mph, Sill Hill 91 mph, Otay Mountain 81 mph, Mt. Laguna Observatory 80 mph. Thankfully, wind gusts in the populated areas were not nearly as strong. Moisture from remnants of Tropical Cyclone Kay brought precipitable water measured at 2.35" on this day, a record level for September and the second wettest all-time in the sounding record back to 1956. Rainfall ranged from 2 to 6" from the Anza Borrego Desert to Mt. Laguna.

2021: A monsoon outbreak produced widespread thunderstorms from the desert to the coastal waters. Wind gusts were strong in many of these storms, and a gust of 65 mph was observed in Calimesa. Significant lightning struck along the coast and over water. A weak tornado (or landspout) developed near the community of Lake Los Angeles. No damage was reported.

2017: Thunderstorms struck the Coachella Valley with damaging lightning, severe winds and flash floods from 9.7 to this day. On this day, a lightning strike knocked out power to 1,000 customers in Palm Springs. Heavy rains caused intense flash flooding in Palm Springs and



Palm Springs experienced widespread flooding on this day in 2017.

Cathedral City, where structures throughout the city were flooded and roads were covered in debris. At Palm Springs High School, 31 classrooms were inundated. Major flood damage also occurred at a mobile home park. Palm Springs recorded a daily rainfall record of 1.20 inches.

2015: The remains of Hurricane Linda brought a second day of severe thunderstorms to the region. Storms developed in the Inland Empire and mountains in the early afternoon, producing flash flooding and strong winds in Perris and Forest Falls. The storms then pulled an unusual trick, as they congealed and raced westward through Orange County. Flash flooding was reported in Costa Mesa and Newport Beach along with tree damage in San Clemente.

2012: A land spout was observed near Perris. No damage reported. Late in the day, strong outflow winds of 40 to 55 mph from earlier thunderstorms near Yuma swept through the Coachella Valley kicking up a dust storm.

1998: A severe thunderstorm moving through the eastern part of Riverside County generated a gust front that brought strong winds to southeastern portions of the Coachella Valley. The winds whipped up dust and visibility dropped to near zero, resulting in an eight-car pileup that seriously injured four people.



This land spout near Perris did not connect to the thunderstorm above it, and did not cause damage on this day in 2012.

1984: A tropical air mass lasting two weeks and high sea surface temperatures led to record minimum temperature records set each day except one at San Diego starting on 9/4 and ending on 9/19. Low temperatures ranged from 73° to the highest minimum of all time of 78° on this day and on 9/17. The high was 100° on 9/8. The low temperature of 80° reached in both Santa Ana and Escondido are each the highest minimum temperature on record. San Diego reached 100°, the hottest day since 9/15/1979. Poor air quality and high humidity caused numerous health problems.

1976: Record rains that started on this day and ended on 9/12 came from Tropical Storm Kathleen (called a 160+ year event by meteorologists). 14.76 inches fell on

south slopes of Mt. San Gorgonio, 10.13 inches at Mt. Laguna, eight inches at Mt. San Jacinto, Four plus inches in the Little San Bernardino Mountains, and 1.8 to 2.8 inches in the Coachella Valley. Deep Canyon (above La Quinta) recorded 2.96 inches in three hours on 9/10. Rainfall in the Santa Rosa Mountains above the Coachella Valley was called the “heaviest in recorded history.” Six were buried and killed in sand in Ocotillo. Floods of record were attained at numerous streams around the Coachella Valley. This occurred during the El Niño of 1976-77. Hurricane Kathleen also brought the southwest the highest sustained winds ever associated with an eastern Pacific tropical cyclone with sustained winds of 57 mph at Yuma on 9/10.

1960: North northwestward moving Hurricane Estelle dissipated west of the central Baja California coast. The heaviest rains were over the San Diego County Mountains with 3.40 inches recorded at Julian from this day to 9/10.

1945: A tropical cyclone moving north northwestward just off the west coast of Baja California dissipated off the coast of northern Baja California. Showers produced rainfall up to two inches in the mountains from this day to 9/10.

1917: It was 40° in Santa Ana, the lowest temperature on record for September. This also occurred on 9/3/1923 and on 9/26/1948.